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EXAMINER	
SAFAIPOUR, BOBBAK	

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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with David Roe on November 2, 2009.

The application has been amended as follows:

1. (Previously Presented) For use in a wireless network, a base station capable of transmitting broadcast data over a shared traffic channel to a plurality of mobile stations in a coverage area of said base station,

wherein said base station is capable of transmitting a first control message over said shared traffic channel to said plurality of mobile stations, said first control message operable to assign a shared public long code mask (PLCM) to said plurality of mobile stations, transmitting a second control message to said plurality of mobile stations, said second control message operable to assign a shared Walsh Code (WC) to said plurality of mobile stations, transmitting mobile station-specific information to a first target mobile station by transmitting in said broadcast data a first packet data unit containing a first local address identifier associated with said first target mobile station, transmitting multicast information to a first group of mobile stations by

transmitting in said broadcast data a second packet data unit containing a second local address identifier associated with said first group of mobile stations,

wherein said broadcast data comprises [[a]] the first local address identifier and said mobile station-specific information, and wherein the first address identifier comprises fewer bits than the mobile station electronic serial number (ESN) value.

2. (Canceled)

3. (Currently Amended) The base station as set forth in Claim [[2]] 1 wherein said base station transmits said broadcast data to said plurality of mobile stations using said shared PLCM and said shared WC.

4. (Canceled)

5. (Currently Amended) The base station as set forth in Claim [[4]] 1 wherein said base station assigns said first local address identifier to said first target mobile station.

6. (Canceled)

7. (Currently Amended) The base station as set forth in Claim [[6]] 1 wherein said base station assigns said second local address identifier to said first group of mobile stations.

8. (Previously Presented) A wireless network comprising a plurality of base stations, wherein a first one of said plurality of base stations is capable of transmitting broadcast data to a plurality of mobile stations over a shared traffic channel,

wherein said base station is capable of transmitting a first control message over said shared traffic channel to said plurality of mobile stations, said first control message operable to assign a shared public long code mask (PLCM) to said plurality of mobile stations, transmitting a second control message to said plurality of mobile stations, said second control message operable to assign a shared Walsh Code (WC) to said plurality of mobile stations, transmitting mobile station-specific information to a first target mobile station by transmitting in said broadcast data a first packet data unit containing a first local address identifier associated with said first target mobile station, transmitting multicast information to a first group of mobile stations by transmitting in said broadcast data a second packet data unit containing a second local address identifier associated with said first group of mobile stations,

wherein said broadcast data comprises [[a]] the first local address identifier and said mobile station-specific information, and wherein the first address identifier comprises fewer bits than the mobile station electronic serial number (ESN) value.

9. (Canceled)

10. (Currently Amended) The wireless network as set forth in Claim [[9]] 8 wherein said first base station transmits said broadcast data to said plurality of mobile stations using said shared PLCM and said shared WC.

11. (Canceled)

12. (Previously Presented) The wireless network as set forth in Claim [[11]] 8 wherein said first base station assigns said first local address identifier to said first target mobile station.

13. (Canceled)

14. (Previously Presented) The wireless network as set forth in Claim [[13]] 8 wherein said first base station assigns said second local address identifier to said first group of mobile stations.

15. (Previously Presented) For use in a wireless network, a method of transmitting broadcast data from a base station to a plurality of mobile stations in a coverage area of the base station using a shared traffic channel, the method comprising the steps of:

wherein said base station is capable of transmitting a first control message over said shared traffic channel to said plurality of mobile stations, said first control message operable to assign a shared public long code mask (PLCM) to said plurality of mobile stations, transmitting a

second control message to said plurality of mobile stations, said second control message operable to assign a shared Walsh Code (WC) to said plurality of mobile stations, transmitting mobile station-specific information to a first target mobile station by transmitting in said broadcast data a first packet data unit containing a first local address identifier associated with said first target mobile station, transmitting multicast information to a first group of mobile stations by transmitting in said broadcast data a second packet data unit containing a second local address identifier associated with said first group of mobile stations,

wherein said broadcast data comprises [[a]] the first local address identifier and said mobile station-specific information, and wherein the first address identifier comprises fewer bits than the mobile station electronic serial number (ESN) value.

16. (Canceled)

17. (Original) The method as set forth in Claim [[16]] 15 further comprising the step of transmitting the broadcast data to the plurality of mobile stations using the shared PLCM and the shared WC.

18. (Canceled)

19. (Currently Amended) The base station as set forth in Claim [[18]] 15 wherein said base station assigns said first local address identifier to said first target mobile station.

20. (Canceled)

21. (Currently Amended) The method as set forth in Claim [[20]] 15 wherein the base station assigns the second local address identifier to the first group of mobile stations.

22. (New) The base station as set forth in Claim 3 wherein the WC is used for broadcast services in a shared F-PDCH traffic channel.

23. (New) The base station as set forth in Claim 3 wherein the WC is used for broadcast services in a shared F-SCH traffic channel.

24. (New) The wireless network as set forth in Claim 8 wherein the WC is used for broadcast services in a shared F-PDCH traffic channel.

25. (New) The wireless network as set forth in Claim 8 wherein the WC is used for broadcast services in a shared F-SCH traffic channel.

26. (New) The method as set forth in Claim 15 wherein the WC is used for broadcast services in a shared F-PDCH traffic channel.

27. (New) The method as set forth in Claim 15 wherein the WC is used for broadcast services in a shared F-SCH traffic channel.

28. (New) The method as set forth in Claim 15, wherein the WC is transmitted within Extended Channel Assignment Message (ECAM).

29. (New) The base station as set forth in Claim 3 wherein the WC is transmitted within Extended Channel Assignment Message (ECAM).

Reasons for Allowance

Claims 2, 4, 6, 11, 13, 16, 18 and 20 have been cancelled.

New claims 22-29 have been added.

Claims 1, 3, 5, 7, 10, 12-15, 17, 19 and 21-29 are allowed.

The following is an examiner's statement of reasons for allowance:

Consider **claim 1**, the best prior art of record found during the examination of the present application, **Jang et al (United States Patent Application Publication #2005/0025082 A1)** in view of **Noneman (EP 0 828355 A2),** fails to specifically disclose, teach, or suggest for use in a wireless network, a base station capable of transmitting broadcast data over a shared traffic channel to a plurality of mobile stations in a coverage area of said base station, wherein said base station is capable of transmitting a first control message over said shared traffic channel to said plurality of mobile stations, said first control message operable to assign a shared public long

code mask (PLCM) to said plurality of mobile stations, transmitting a second control message to said plurality of mobile stations, said second control message operable to assign a shared Walsh Code (WC) to said plurality of mobile stations, transmitting mobile station-specific information to a first target mobile station by transmitting in said broadcast data a first packet data unit containing a first local address identifier associated with said first target mobile station, transmitting multicast information to a first group of mobile stations by transmitting in said broadcast data a second packet data unit containing a second local address identifier associated with said first group of mobile stations, wherein said broadcast data comprises the first local address identifier and said mobile station-specific information, and wherein the first address identifier comprises fewer bits than the mobile station electronic serial number (ESN) value.

Claims 3, 5, 7, 21-22 and 29 are allowable because it is dependent upon independent claim 1.

Consider **claim 8**, the best prior art of record found during the examination of the present application, **Jang et al (United States Patent Application Publication #2005/0025082 A1)** in view of **Noneman (EP 0 828355 A2),** fails to specifically disclose, teach, or suggest a wireless network comprising a plurality of base stations, wherein a first one of said plurality of base stations is capable of transmitting broadcast data to a plurality of mobile stations over a shared traffic channel, wherein said base station is capable of transmitting a first control message over said shared traffic channel to said plurality of mobile stations, said first control message operable to assign a shared public long code mask (PLCM) to said plurality of mobile stations, transmitting a second control message to said plurality of mobile stations, said second control

message operable to assign a shared Walsh Code (WC) to said plurality of mobile stations, transmitting mobile station-specific information to a first target mobile station by transmitting in said broadcast data a first packet data unit containing a first local address identifier associated with said first target mobile station, transmitting multicast information to a first group of mobile stations by transmitting in said broadcast data a second packet data unit containing a second local address identifier associated with said first group of mobile stations, wherein said broadcast data comprises the first local address identifier and said mobile station-specific information, and wherein the first address identifier comprises fewer bits than the mobile station electronic serial number (ESN) value.

Claims 10, 12, 14, and 24-25 are allowable because it is dependent upon independent claim 8.

Consider **claim 15**, the best prior art of record found during the examination of the present application, **Jang et al (United States Patent Application Publication #2005/0025082 A1)** in view of **Noneman (EP 0 828355 A2),** fails to specifically disclose, teach, or suggest a For use in a wireless network, a method of transmitting broadcast data from a base station to a plurality of mobile stations in a coverage area of the base station using a shared traffic channel, the method comprising the steps of: wherein said base station is capable of transmitting a first control message over said shared traffic channel to said plurality of mobile stations, said first control message operable to assign a shared public long code mask (PLCM) to said plurality of mobile stations, transmitting a second control message to said plurality of mobile stations, said second control message operable to assign a shared Walsh Code (WC) to said plurality of mobile

stations, transmitting mobile station-specific information to a first target mobile station by transmitting in said broadcast data a first packet data unit containing a first local address identifier associated with said first target mobile station, transmitting multicast information to a first group of mobile stations by transmitting in said broadcast data a second packet data unit containing a second local address identifier associated with said first group of mobile stations, wherein said broadcast data comprises the first local address identifier and said mobile station-specific information, and wherein the first address identifier comprises fewer bits than the mobile station electronic serial number (ESN) value.

Claims 17, 19, 21 and 26-28 are allowable because it is dependent upon independent claim 15.

Conclusion

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to BOBBAK SAFAIPOUR whose telephone number is (571)270-1092. The examiner can normally be reached on Monday - Friday, 8:00 a.m. - 5:00 p.m., EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew Anderson can be reached on (571) 272-4177. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

November 2, 2009

/Bobbak Safaipour/
Examiner, Art Unit 2618

/Matthew D. Anderson/

Supervisory Patent Examiner, Art Unit 2618